

L18 ANSWER 13 OF 15 HCA COPYRIGHT 2002 ACS

91:62483 Solar still for purifying water used for growth chamber and mite rearing. Cress, Donald C.; Herron, George M.; Condray, Jerry L. (Dep. Entomol., Kansas City Univ., Manhattan, KS, USA). Trans. Kans. Acad. Sci., 81(4), 319-25 (English) 1978. CODEN: TSASAH. ISSN: 0022-8443.

AB The solar still for lab. use produces .1 to req. 12.72 mL water/Langley-day; yields are lowest during freezing weather.
Lining the still box with silicone caulk and Al greatly improved performance, compared with latex caulk and wood
lining . The distd. water contained 37.5 ppm solids and the elec. resistance was 1.1 million ohms.
CC 61-3 (Water)
IT ***Distillation*** apparatus
(***solar*** , for water desalination)